

Date: Friday, 23/05/2008 2:17:36 PM
User: Jean-Luc Menard

Process Sheet

OK

Customer : CC-DAR01 Dart Aerospace Ltd. Drawing Name : TUBE
Job Number : 39468
Estimate Number : 13340
P.O. Number :
This Issue : 23/05/2008 S.O. No. :
Prsht Rev. : NC Part Number : D37635
First Issue : 1/1 Type : R&D MACHINED PARTS Drawing Number : D3763 PROTO
Previous Run : Project Number : IA0004 08.05.22
Drawing Revision : PROTO
Material :
Due Date : 30/05/2008 Qty: 3 Um: Each
Written By : Jul 08.05.23
Checked & Approved By :
Comment : Est Rev:A 08-05-23 new issue DD verified by: Jul

Additional Product: **FOR ENGINEERING USE ONLY**

PROTOTYPE

Job Number:



Seq. #: Machine Or Operation: Description:

1.0 M6061T6R1250 6061-T6 Round Bar 1.250



Comment: Qty.: 0.2292 f(s)/Unit Total: 0.6876 f(s)
6061-T6 Round Bar 1.250 m18295 08/05/27

2.0 DOOSAN LATHE DOOSAN LATHE



Comment: Doosan Lathe

1- Turn as per Folio FA752 Rev: proto & Dwg D3763 Rev: proto

2-Deburr per dwg D3763 08/05/27

3.0 QC2 INSPECT PARTS AS THEY COME OFF MACHINE



Comment: INSPECT PARTS AS THEY COME OFF MACHINE 08/05/27

4.0 QC8 SECOND CHECK



Comment: SECOND CHECK 08.05.28 (3)

5.0 PACKAGING 1 PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Identify and Stock

Location: JK.

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Process Sheet

Customer: CC-DAR01 Dart Aerospace Ltd.

Drawing Name: TUBE

Job Number: 39468

Part Number: D37635

Job Number:



Seq. #:

Machine Or Operation:

Description :

6.0

QC21

FINAL INSPECTION/W/O RELEASE



Comment: FINAL INSPECTION/W/O RELEASE

AS. 0806.02 Prototype

Job Completion



u 08-06-11

8

7

6

5

4

3

2

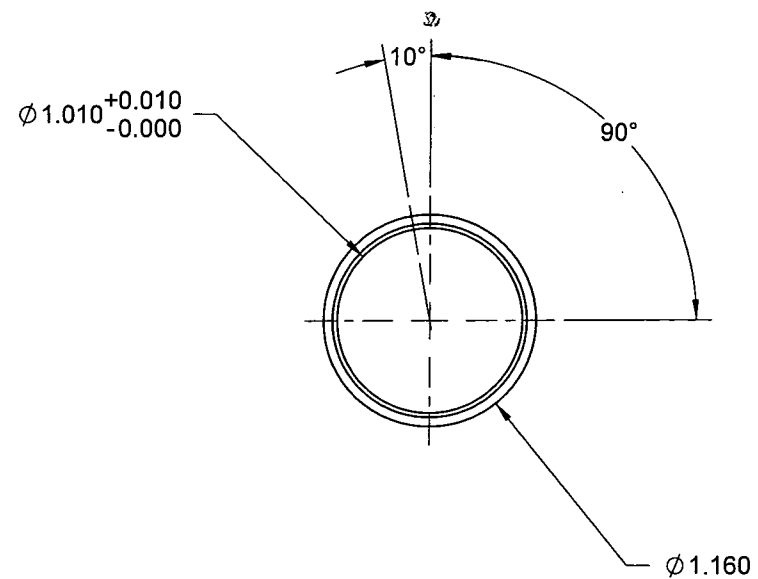
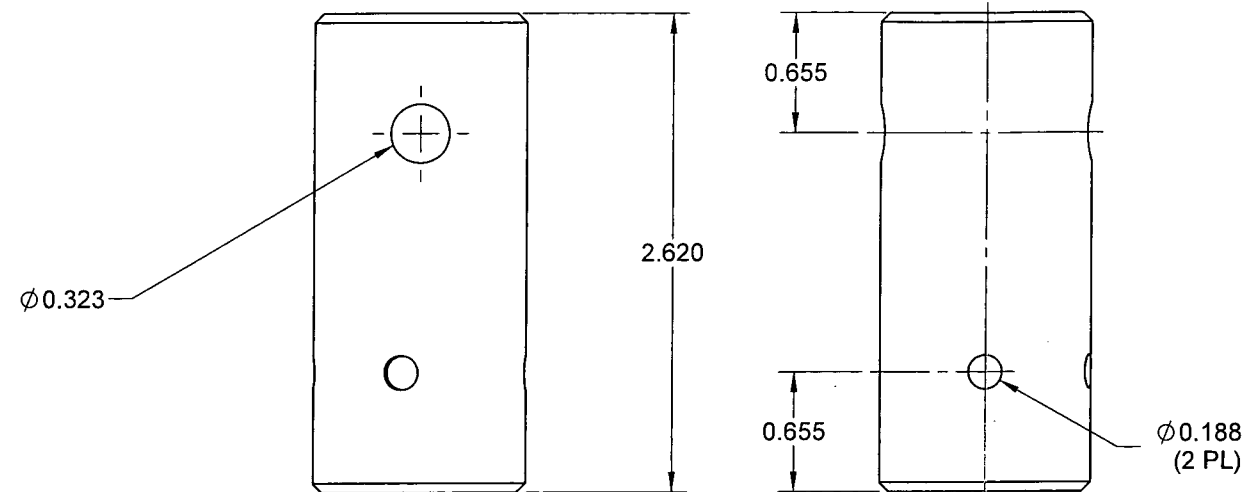
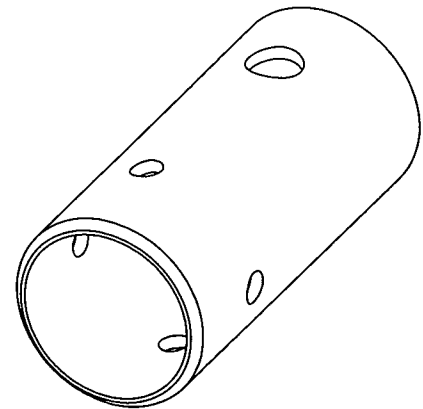
1

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A

**D3763-5 TUBE**

D

C

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NOTES:

- 1) MATERIAL: 6061-T6 (QQ-A-200/8 OR QQ-A-225/8) ALUMINUM BAR (REF. DART SPEC M6061T6B)
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.02 lbs

PROTOTYPE
PLEASE RETURN ALL ISSUED
DATA TO ENGINEERING

01.05.22 *RH*

DESIGN	HS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	HS		
CHECKED		DRAWING NO.	REV. A
MFG. APPR.		D3763	SHEET 6 OF 7
APPROVED		TITLE	SCALE
DE APPR.		END FITTING	1:1
DATE	08.05.22	COPYRIGHT © 2008 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

Receiving Report

Date: 05/08/16
Supplier: Copper + Brass

Batch No: M18295
Dart P/O: 2008463

Packing Slip: Yes ☒ No ☐
Invoice: Yes ☐ No ☒
Receipt: Cash ☐ Cr. ☐

Release Note Attached: Yes ☒ No ☐ N/A ☐
Waybill Attached: Yes ☒ No ☐
Shipment Complete: Yes ☒ No ☐
Q.C. Inspection ☒

Discrepancies

Part No.	Description	Quantity Ordered	Quantity Received	Quantity Returned	Quantity Short	Comments

TSR No. _____

Initials of receiver (if shipment OK) CL

Production/Admin:

Date 05/08/16
Received/Costing 2008463
Initial CL

Accounting:

Date _____
AP/MR _____
Initial _____

H:\ISO9000\FORMS\Purchase\RECREPORT rev B

FULL		SCRAP		FILLED BY GM		PACKED BY		Q/A AUDIT		
CUSTOMER RECEIVING HOURS				MAX SKID WEIGHT		LOADING INSTRUCTIONS			MAXIMUM BUNDLE WEIGHT	
BOXES	BAR	CASES	CUSH	PKGS	SKIDS	BOLS	TUBES	CTNS	FLAT	COILS
INSPECTION RECORD									1	

TEST RESULTS

CERTIFICATE OF COMPLIANCE

We hereby certify that mercury or any of its compounds are not used in the processing and distribution of our products. The products we distribute are not hazardous in their received state. For MSDS sheets go to www.copperandbrass.com/msds or call 248-233-5682. We hereby certify that the material above complies with the following specifications:

ASTM-B221 AMS-QQ-A-200/8

TAG NO QUANTITY UOM VENDOR VEND PO HEAT/LOT
192931 00 239.00 LB ALCOA E OCF0950 1596187

PCS : TAG NO QUANTITY UOM VENDOR VEND PO HEAT/LOT

PCS



ALCOA

ALCOA EXTRUSIONS, INC.
53 POTTSVILLE STREETCRESSONA, PA
17929-0187

Certified Inspection Report

Cert Number	Page
AEP382427	1 of 2
Cert Creation Date	Cert Print Date
17-JUN-05	17-JUN-05

Sales Order Number	Customer P/O
1503729	CF0342

Quantity Shipped	Date Shipped	Item Description
1000 LB	17-JUN-05	Extruded Econ-o-Rod
B/L	Item No.	1.25 DIA +/- .006
444333	G03370452	SECT 500310
Delivery ID	Item No. Rev	144 IN LN
617352	--	6061 / T6511
Customer Part No		FIN M-MILL
018560-3		W/F 1.443 F 3 CS 1.25
		Marking CONTINUOUS;
		ASTMB221 REV 04
		AMS-QQ-A-200/8 REV
		ASMESB221 REV
		UNS#A96061 REV
		SAEJ454 REV

Applicable Specifications, Revisions and Exceptions

COMPOSITION NOTE: The values for 'Others Each' and 'Others Total' have met the limits as shown on this certified inspection report. Remainder is Aluminum.

Legal Statement

We hereby certify that, unless otherwise indicated, the material covered by this report has been manufactured, inspected, and tested in accordance with, and has been found to meet, the applicable requirements described herein, including any specifications forming a part of the description and that samples representative of the material met the composition and had the mechanical properties shown on the face of this certification. Also, note that mercury is not a normal contaminant in aluminum alloys and neither it nor any of its compounds are used in the manufacture of our product. This certification is not to be reproduced in partial form without prior written approval of our Quality Assurance Dept.

Signature And Title


Dmitri Sheets
Tech/Quality Manager
17-JUN-05

Quantities per Lot / Packages

Package Number	Lot Number	Quantity	UOM	Weight	
				Gross	Net
G12-PKG119914	1701330	29	PCS	506	500
G12-PKG119916	1701330	29	PCS	506	500

Composition Limits

Alloy	Si		Fe		Cu		Mn		Mg		Cr	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
6061	0.40	0.8	---	0.7	0.15	0.40	---	0.15	0.8	1.2	0.04	0.35

Alloy	Zn		Ti		Bi		Pb		Others Each		Others Total	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
6061	---	0.25	---	0.15	---	0.05	---	0.05	---	0.05	---	0.15

**ALCOA**

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53 POTTSVILLE STREET
CRESSONA, PA
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Sales Order Number	Customer P/O
1503729	CF0342

Cert Number	Page
AEP382427	2 of 2
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Composition Results

Heat / Cast / Lot Number	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Bi
2000390	0.7	0.26	0.29	0.05	0.9	0.07	0.04	0.02	--

Heat / Cast / Lot Number	Pb	Others Each	Others Total
2000390	--	--	--

Mechanical Property - Test Limits

Mechanical Property - Test Limits								
Test Type			UTS - L		TYS - L		EL 4D-Long	
UOM			KSI		KSI		PCT	
# of Tests			--		--		--	
Test Temper	Lot Number	# of Tests	Min	Max	Min	Max	Min	Max
T6511	1701330	9	43.0	47.8	38.8	44.7	11.7	14.8

Cert Notes

Made in USA